

AMENDMENTS TO THE ABSTRACT

Please replace the paragraph at page 51, line 2 with the following rewritten paragraph:

-- A modified cycloolefin copolymer is obtained by chemical modification of a base polymer being a cycloolefin copolymer with ethylene chains, through addition of a modifier compound having a functional group and a hydrogen-donating group or having a functional group and an alkyl halide group, wherein: the functional group is added at a stoichiometric percentage of 20 to 90% of all the replaceable hydrogen atoms in ethylene chains and main-chain cycloolefin chains of the base polymer; and the distribution degree of the functional group-modified cycloolefin copolymer in the base polymer is in the range of 0.01 to 0.1 as expressed in distribution correlation coefficient (DR) defined by the relation (1) below. ~~Also provided are a process of production and uses of the modified cycloolefin copolymers.~~ $(DR) = [(RI) - (UV)]^2 \cdots (1)$ wherein, (RI) and (UV) are dispersion ~~indexes~~indices of molecular weight distributions (= weight-average molecular weight/number-average molecular weight) determined by simultaneous detection based on change of refractive index (RI) and detection based on a UV absorption spectrum characteristic of the functional groups added. Also provided are a process of production and uses of the modified cycloolefin copolymers.--